



California Regional Water Quality Control Board

Los Angeles Region



Linda S. Adams
Cal/EPA Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Arnold Schwarzenegger
Governor

March 30, 2010

Mr. Mahesh Vidyasagar
ExxonMobil Environmental Services
12450 Greenspoint Drive
GSC-GP6-1004
Houston, Texas 77060

RESPONSE TO REQUEST FOR GROUNDWATER CLOSURE – EXXONMOBIL FORMER JALK FEE PROPERTY, 10607 NORWALK BOULEVARD, SANTA FE SPRINGS, CALIFORNIA (SCP NO. 0203, SITE ID NO. 1848000)

Dear Mr. Vidyasagar:

Los Angeles Regional Water Quality Control Board (Regional Board) staff have received and reviewed the *2009 Annual Groundwater Monitoring Report and Closure Request* (Report), dated October 27, 2009, prepared by Arcadis for the reference site. In addition, Regional Board staff held a meeting with representatives of ExxonMobil Environmental Services Company (ExxonMobil) and Environmental Resolutions (new consultant) on March 16, 2010, to discuss groundwater closure related issues.

The site is approximately 8.8 acres in size and redeveloped into an industrial park in 2003, following soil remediation activities. The site had been used for oil production activities from the 1920s to the 1990s. The abandonment and removal of oil wells, pipelines, and a tank farm were conducted in 2000. Historical site assessment activities indicated that soil was impacted with petroleum hydrocarbons and halogenated volatile organic compounds (HVOCs). Following remedial excavation of petroleum hydrocarbons and chlorinated solvent contaminated soils to depths up to 24 feet below ground surface (bgs), the site was granted soil closure by the Regional Board in the letters dated March 1, 1999 and March 5, 2001, to promote the site redevelopment.

Three groundwater monitoring wells (MMW-3, MMW-4, and MMW-5) were installed at the site in 1994 as part of requirements for on-site land treatment of petroleum hydrocarbons impacted soil. Monitoring well MMW-3 was abandoned in 2001. The primary contaminants of concern in groundwater beneath the site are HVOCs, including tetrachloroethylene (PCE) and trichloroethylene (TCE). During the last 9 years of groundwater monitoring, PCE and TCE were detected at concentrations up to 660 micrograms per liter (µg/L) and 190 µg/L, respectively, in monitoring well MMW-5. Monitoring well MMW-5 is located crossgradient from and adjacent to the identified on-site soil contamination area. Based on the evaluation of 9 years of post soil closure groundwater monitoring data, Arcadis, on behalf of ExxonMobil, requested groundwater closure for the subject site.

Based on our review of the Report and file documents, Regional Board staff have determined that groundwater closure at the site can not be granted at this time for the following reasons:

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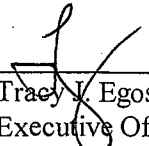
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March 30, 2010

1. Based on the results of historical soil assessment, HVOCs were detected at concentrations up to 42,000 micrograms per kilogram ($\mu\text{g/kg}$) in soil borings at depths ranging from 5 to 35 feet bgs across the southern portion of the site. Detectable HVOCs concentrations throughout the sampled soil columns suggest on-site releases of HVOCs to groundwater beneath the site.
2. Previous remedial excavation activities were conducted to remove HVOCs impacted soil to a depth of approximately 15 feet bgs only. Residual HVOCs contamination in soil remains at concentrations up to 1,400 $\mu\text{g/kg}$ between 15 feet and 35 feet bgs. The residual HVOCs may act as a continuing source of groundwater contamination beneath the site and vicinity.
3. There are no groundwater monitoring wells, upgradient, crossgradient to the east and southeast, and downgradient, from the identified on-site area of soil contamination, located at the southern portion of the site. Existing monitoring wells MMW-4 and MMW-5 are not adequate to monitor the magnitude and configuration of the HVOCs plume in groundwater originating/contributing from the on-site source area.
4. To adequately delineate the lateral and vertical extent of groundwater contamination from releases at the site, please submit a work plan for further groundwater investigation to the Regional Board by **July 1, 2010**. Additional monitoring wells shall be screened at multiple depths and installed at the identified source areas and in the upgradient, crossgradient, and downgradient directions.
5. Pursuant to Division 7 of the Porter Cologne Water Quality Control Act under section 13307.1, the Regional Board is required to notify all current fee title holders for the subject site prior to considering corrective action or granting case closure. Therefore, you are required to provide the name, mailing address and telephone number for all record fee title holders for the site together with a copy of the county record of current ownership, available from the County Recorder's Office, or you may complete the attached Certification Declaration Form and submit it to the Regional Board by **July 1, 2010**.

If you have any questions, please contact Dr. Ann Chang at (213) 620-6070 or achang@waterboards.ca.gov.

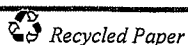
Sincerely,


Tracy J. Egoscue
Executive Officer

Attachment: Certification Declaration Form

cc: James Anderson, Environmental Resolutions, Inc.

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ATTACHMENT 3

CERTIFICATION DECLARATION FOR COMPLIANCE WITH FEE TITLE HOLDER NOTIFICATION REQUIREMENTS (California Water Code Section 13307.1)

Please Print or Type

Fee Title Holder(s): _____

Mailing Address: _____

Contact Person: _____

Telephone Number / Fax Number: _____

Site Name: _____

Address: _____

County Assessor Parcel Number (APN): _____

Contact Person: _____

Telephone Number / Fax Number: _____

File Number: _____ Site Cleanup Program No. 0203

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." (See attached page for who shall sign the Certification Declaration).

Printed Name of Person Signing

Official Title

Signature

Date Signed

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The certification declaration form must be signed as follows:

1. For a corporation - by a responsible corporate officer, which means; (i) by a president, secretary, treasurer, or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy of decision making functions for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million, if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
2. For a partnership or sole proprietorship - by a general partner or the proprietor respectively.
3. For a municipality, state, federal, or public agency - by either a principal executive officer or ranking elected official. A principal executive officer of a federal agency includes (i) the chief executive officer of the agency or (ii) a senior executive officer having responsibility for the overall operations or a principal geographic unit.

